

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

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Title of Invention

Fluid-Dynamic-Pressure Bearing, Spindle Motor Furnished with
the Fluid-Dynamic-Pressure Bearing, Method of Manufacturing Rotor
Assembly Applied in the Spindle Motor, and Recording-Disk Drive
Furnished with the Spindle Motor

Application Number : 10/710583
Confirmation Number: 4582
First Named Applicant: Takehito Tamaoka
Attorney Docket Number: 18.022
Art Unit: 3682
Examiner: Lenard A. Footland
Search string: (5659445 or 20030231813).pn



US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
✓ <i>JP</i>	1	5659445	1997-08-19	Yoshida et al.	A	360	98.07

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
✓ <i>JP</i>	1	20030231813	2003-12-18	Gomyo et al.	A1	384	107

Signature

Examiner Name	Date
<i>Lenard A. Footland</i>	11-28-05



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known	
			Application Number	10/710,583
Sheet 1 of 1			Filing Date	July 22, 2004
			First Named Inventor	Takehito Tamaoka
			Art Unit	3682
			Examiner Name	(To be assigned)
			Attorney Docket Number	18.022

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
[Handwritten marks]	U1	US- 5,559,382	09-24-1996	Oku et al.	
	U2	US- 6,456,458-B1	09-24-2002	Ichiyama	
	U3	US- 6,375,357-B2	04-23-2002	Miura et al.	
	U4	US- 2004/0091187-A1	05-13-2004	Aiello et al.	
	U5	US- 2002/0053846-A1	05-09-2002	Le et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
[Handwritten marks]	F1	JP-2857304-B2	11-27-1998	Sankyo Seiki Mfg Co Ltd		✓
	F2	JP-2003-262217-A	09-19-2003	Nidec Corp		✓
	F3	JP-2003-092867-A	03-28-2003	Seiko Instruments Inc		✓
	F4	JP-2002-021845-A	01-23-2002	Sankyo Seiki Mfg Co Ltd		✓

Examiner Signature	[Handwritten Signature]	Date Considered	11-28-05
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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